AMENDMENTS TO THE ABSTRACT

Please add the following abstract to the end of the application:

A signal processing apparatus (200) comprises a plurality of receive antennas (216a-m) arranged to receive a composite signal containing a plurality of transmitted symbols. A joint detector-decoder (218) iteratively enumerates most probable symbols received at the receive antennas (216am) using an enumeration constraint. A processor (220) determines a bit stream corresponding to each most probable received symbol. A method of signal processing for MIMO systems is also disclosed